Nortel Ethernet Routing Switch 8600

Documentation Roadmap

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New in this release

The following section details what's new in *Nortel Ethernet Routing Switch 8600 Documentation Roadmap, NN46205-103* for Release 5.0:

- "Features" (page 9)
- "Other changes" (page 9)

Features

This document describes no feature changes.

Other changes

For information about changes that are not feature-related, see the following sections:

- "Information quality" (page 9)
- "Modular task-based information" (page 9)
- "New documents" (page 10)
- "Renamed documents" (page 10)
- "Reorganized documents" (page 13)
- "Discontinued documents" (page 13)

Information quality

The information quality section explains the three designations used for quality of information. For more information, see "Information quality" (page 31).

Modular task-based information

This document includes a new section that explains how the modular task-based information (MTBI) model is implemented in the document suite. For more information about MTBI, see "Modular, task-based information" (page 37).

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New documents

Release 5.0 includes the following new documents:

- *Nortel Ethernet Routing Switch 8600 Terminology, NN46205-102*
- *Nortel Ethernet Routing Switch 8600 Documentation Roadmap, NN46205-103*
- *Nortel Ethernet Routing Switch 8600 Commissioning, NN46205-319*
- *Nortel Ethernet Routing Switch 8600 Configuration — MPLS Services, NN46205-519*
- *Nortel Ethernet Routing Switch 8600 Configuration — IP VPN, NN46205-520*
- *Nortel Ethernet Routing Switch 8600 Administration, NN46205-605*
- *Nortel Ethernet Routing Switch 8600 Logs Reference, NN46205-701*
- *Nortel Ethernet Routing Switch 8600 Troubleshooting, NN46205-703*

For more information about new documents, see "Roadmap" (page 19).

Renamed documents

The following documents are renamed in Release 5.0:

Table 1
Renamed documents

Previous document title	Release 5.0 document title
Using the 8672ATME and 8672ATMM Modules, 209195-G	*Nortel Ethernet Routing Switch 8600 Configuration — 8672ATME and 8672ATMM Modules, NN46205-511*
Using the 8683POSM Module, 209564-C	*Nortel Ethernet Routing Switch 8600 Configuration — 8683POSM Modules, NN46205-515*
Installing the 8660 Service Delivery Module (SDM), 217314-B	*Nortel Ethernet Routing Switch 8600 Installation — 8660 Service Delivery Module, NN46205-301*
Firewall and Intrusion Sensor User's Guide, 217315-B	*Nortel Ethernet Routing Switch 8600 Firewall and Intrusion Sensor Fundamentals, NN46205-100*
Installing Ethernet Routing Switch 8600 Modules, 312749-K	*Nortel Ethernet Routing Switch 8600 Installation — Modules, NN46205-304*
Installing an AC Power Supply in an 8000 Series Chassis, 312751-E	*Nortel Ethernet Routing Switch 8600 Installation — AC Power Supply, NN46205-306*

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Table 1
Renamed documents (cont'd.)

Previous document title	Release 5.0 document title
Installing a Fan Tray in a Ethernet Routing Switch 8000 Series Chassis, 312752-E	*Nortel Ethernet Routing Switch 8600 Installation — Cooling Module, NN46205-302*
Installing the Breaker Interface Panel for the 8010co Chassis, 312755-G	*Nortel Ethernet Routing Switch 8600 Installation — Breaker Interface Panel, NN46205-313*
Installing a DC Power Supply in an 8000 Series Chassis, 313070-E	*Nortel Ethernet Routing Switch 8600 Installation — DC Power Supply, NN46205-307*
Installing Media Dependent Adapters for the 8672ATME and 8672ATMM Modules, 313071-C	*Nortel Ethernet Routing Switch 8600 Installation — Media Dependent Adapters for the 8672ATME and 8672ATMM Modules, NN46205-316*
Network Design Guidelines, 313197-E	*Nortel Ethernet Routing Switch 8600 Planning and Engineering — Network Design, NN46205-200*
Configuring IP Multicast Routing Protocols, 314719-D	*Nortel Ethernet Routing Switch 8600 Configuration — IP Multicast Routing Protocols, NN46205-501*
Configuring BGP Services, 314721-E	*Nortel Ethernet Routing Switch 8600 Configuration — BGP Services, NN46205-510*
Configuring IPX Routing Operations, 314722-C	*Nortel Ethernet Routing Switch 8600 Configuration — IPX Routing, NN46205-505*)
Configuring Network Management, 314723-E	*Nortel Ethernet Routing Switch 8600 Performance Management, NN46205-704*
Configuring and Managing Security, 314724-E	*Nortel Ethernet Routing Switch 8600 Security, NN46205-601*
Installing the Web Switching Module for the Ethernet Routing Switch 8600, 314969-D	*Nortel Ethernet Routing Switch 8600 Web Switching Module Fundamentals, NN46205-314*
Using the Ethernet Routing Switch 8600 10 Gigabit Ethernet Modules, 315893-E	*Nortel Ethernet Routing Switch 8600 Configuration — Ethernet Modules, NN46205-503*
Installing and Maintaining the Ethernet Routing Switch 8600 Series Chassis, 316314-F)	*Nortel Ethernet Routing Switch 8600 Installation — Chassis, NN46205-303*

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Table 1
Renamed documents (cont'd.)

Previous document title	Release 5.0 document title
Installing and Using Device Manager, 316341-D	*Nortel Ethernet Routing Switch 8600 User Interface Fundamentals, NN46205-308*
Configuring Internet Group Membership Authentication Protocol (IGAP), 316343-D	*Nortel Ethernet Routing Switch 8600 Configuration — IGAP, NN46205-512*
Configuring the 8661 SSL Accelerator Module for the Ethernet Routing Switch 8600, 316351-B	*Nortel Ethernet Routing Switch 8600 Configuration- 8661 SSL Accelerator with the Web Switching Module, NN46205-514*
Configuring QoS and Filtering for Ethernet Routing Switch 8600 Legacy Systems, 316433-E	*Nortel Ethernet Routing Switch 8600 Configuration — QoS and IP Filtering for Classic Modules, NN46205-508*
Upgrading to Ethernet Routing Switch 8600 Software Release 4.1, 316674-C	*Nortel Ethernet Routing Switch 8600 Upgrades — Software Release 5.0, NN46205-400*
Release Notes for the Ethernet Routing Switch 8600 Software Release 4.1, 317177-D	*Nortel Ethernet Routing Switch 8600 Release Notes — Software Release 5.0, NN46205-402*
Installing SFP and XFP Transceivers and GBICs, 318034-D	*Nortel Ethernet Routing Switch 8600 Installation — SFP , XFP, GBIC, and OADM Hardware Components, NN46205-320*
Important Notice about the Ethernet Routing Switch 8600 Enterprise Enhanced CPU Daughter Card, 318620-A	*Nortel Ethernet Routing Switch 8600 Installation — Enterprise Enhanced CPU Daughter Card Important Notice, NN46205-309*
Configuring QoS and Filtering for Ethernet Routing Switch 8600 4.0 Modules, 318637-B	*Nortel Ethernet Routing Switch 8600 Configuration — QoS and IP Filtering for R and RS Modules, NN46205-507*
Configuring IPv6 Routing Operations, 321585-A	*Nortel Ethernet Routing Switch 8600 Configuration — IPv6 Routing, NN46205-504*
Quick Start Guide — Ethernet Routing Switch 8600, 321749-A	*Nortel Ethernet Routing Switch 8600 Quick Start, NN46205-310*
Routine Maintenance, 321943-A	*Nortel Ethernet Routing Switch 8600 Routine Maintenance, NN46205-312*

For more information about renamed documents, see "Roadmap" (page 19).

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Reorganized documents

Configuring VLANs, Spanning Tree, and Link Aggregation, 314725-E is divided into the two following documents for Release 5.0:

- *Nortel Ethernet Routing Switch 8600 Configuration — VLANs and Spanning Tree, NN46205-517*
- *Nortel Ethernet Routing Switch 8600 Configuration — Link Aggregation, MLT, and SMLT, NN46205-518*

Configuring IP Routing Operations, 314720-F is divided into the two following documents for Release 5.0:

- *Nortel Ethernet Routing Switch 8600 Configuration — OSPF and RIP, NN46205-522*
- *Nortel Ethernet Routing Switch 8600 Configuration — IP Routing, NN46205-523*
- The information about installing a fan tray is moved to *Nortel Ethernet Routing Switch 8600 Routine Maintenance, NN46205-312*.

For more information about reorganized documents, see “Roadmap” (page 19).

Discontinued documents

The following documents are discontinued or not updated in Release 5.0:

Table 2
Discontinued documents

Previous release document	Content covered in
Adding MAC addresses to the Ethernet Routing Switch 8000 Series Chassis, 212486-C *Installing a CPU Memory Upgrade, 314832-D*	*Nortel Ethernet Routing Switch 8600 Upgrades — Software Release 5.0, NN46205-400*
Getting Started, 313189-F	*Nortel Ethernet Routing Switch 8600 Quick Start, NN46205-310* *Nortel Ethernet Routing Switch 8600 Commissioning, NN46205-319*) *Nortel Ethernet Routing Switch 8600 Administration, NN46205-605*

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Table 2
Discontinued documents (cont'd.)

Previous release document	Content covered in
Important Security Information for the Ethernet Routing Switch 8600, 314997-E	*Nortel Ethernet Routing Switch 8600 Quick Start, NN46205-310* *Nortel Ethernet Routing Switch 8600 Security, NN46205-601*
Using the Packet Capture Tool (PCAP), 315023-E *Using Diagnostic Tools, 317359-C*	*Nortel Ethernet Routing Switch 8600 Troubleshooting, NN46205-703*
System Messaging Platform Reference Guide, 315015-E	*Nortel Ethernet Routing Switch 8600 Logs Reference, NN46205-701*
Important Notice about the Ethernet Routing Switch 8600 Series Modules, 316340-E	*Nortel Ethernet Routing Switch 8600 Release Notes — Software Release 5.0, NN46205-402*
Using the 8661 SSL Accelerator Module with the Web Switch Module for the Ethernet Routing Switch 8600, 316350-B	*Nortel Ethernet Routing Switch 8600 Configuration — 8661 SSL Accelerator with the Web Switching Module, NN46205-514*
Locating the 8660 Service Delivery Module Documentation, 320290-C *Locating the Ethernet Routing Switch 8600 documentation, 321061-C* *Locating the Installing SFP and XFP Transceivers and GBICs document, 321692-B* *Locating the Ethernet Routing Switch 8600 Quickstart Guide, 322269-B*	*Nortel Ethernet Routing Switch 8600 Documentation Roadmap, NN46205-103*
Installing and Networking Guidelines for Optical Routing, 212257-C	*Nortel Ethernet Routing Switch 8600 Planning and Engineering — Network Design, NN46205-200* *Nortel Ethernet Routing Switch 8600 Installation — SFP, XFP, GBIC, and OADM Hardware Components, NN46205-320*
Installing Media Dependent Adapters (MDAs), 302403-J	Not updated in Release 5.0

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Table 2
Discontinued documents (cont'd.)

Previous release document	Content covered in
Configuring the Web Switching Module using Device Manager, 314995-C	*Nortel Ethernet Routing Switch 8600 Web Switching Module Fundamentals, NN46205-314*
Managing Platform Operations, 315545-E	*Nortel Ethernet Routing Switch 8600 Planning and Engineering — Network Design, NN46205-200* *Nortel Ethernet Routing Switch 8600 Installation — Modules, NN46205-304* *Nortel Ethernet Routing Switch 8600 User Interface Fundamentals, NN46205-308* *Nortel Ethernet Routing Switch 8600 Commissioning, NN46205-319* *Nortel Ethernet Routing Switch 8600 Administration, NN46205-605*
Installing the 8661 SSL Acceleration Module for the Ethernet Routing Switch 8600, 316315-C	*Nortel Ethernet Routing Switch 8600 Installation — Modules,* (NN46205-304)
Important Notice Ethernet Routing Switch 8600 4.0 Modules, 318620-A	*Nortel Ethernet Routing Switch 8600 Documentation Roadmap, NN46205-103* *Nortel Ethernet Routing Switch 8600 Release Notes — Software Release 5.0, NN46205-402* *Nortel Ethernet Routing Switch 8600 Troubleshooting, NN46205-703*
Replacing an Air Filter in the 8010co Chassis, 313592-D	*Nortel Ethernet Routing Switch 8600 Routine Maintenance, NN46205-312*

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Introduction

This document explains the organization of the technical documentation for Release 5.0 of the Nortel Ethernet Routing Switch 8600. Use this document to understand where you can find specific types of information in the customer documentation suite.

Navigation

- “Roadmap” (page 19)
- “Information quality” (page 31)
- “Text conventions” (page 33)
- “Modular, task-based information” (page 37)
- “Customer service” (page 41)

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Roadmap

This section is a roadmap for the Nortel Ethernet Routing Switch 8600 documentation. Use this section to find the correct document for the task you need to perform.

Nortel Ethernet Routing Switch 8600 technical documents are structured with an emphasis on the tasks you perform.

Navigation

- "Customer documentation packaging" (page 19).
- "Product Fundamentals" (page 20)
- "Planning and Engineering" (page 21)
- "Installation and Commissioning" (page 22)
- "Upgrades and Patches" (page 24)
- "Administration and Security" (page 24)
- "Operations" (page 25)
- "Fault and Performance Management" (page 28)
- "Documentation file formats" (page 29)

Customer documentation packaging

Nortel Technical Publications (NTP) are organized according to job functions. For information about how the Nortel Ethernet Routing Switch 8600 NTP suite is organized, see the following figure.

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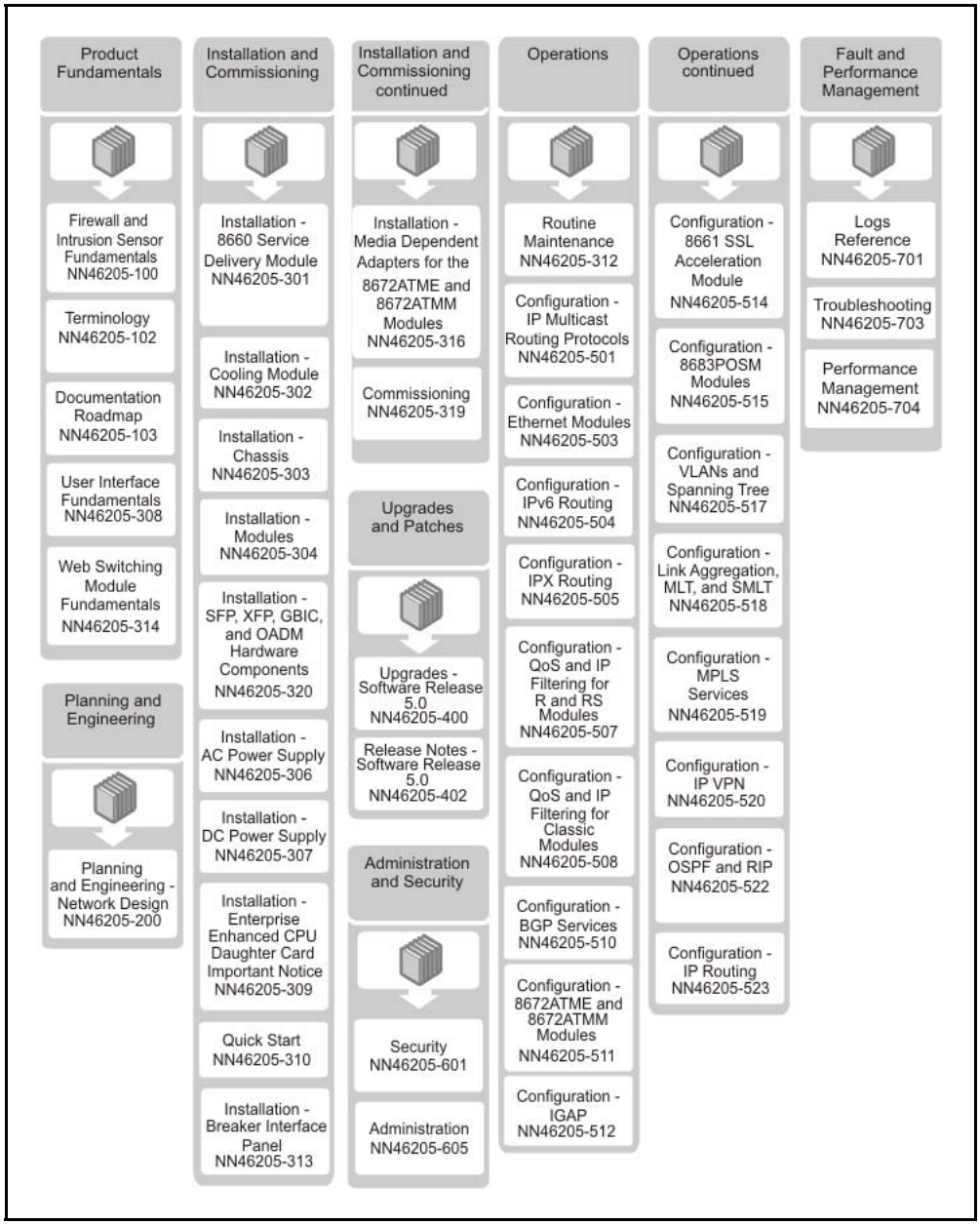
Figure 1
Nortel Ethernet Routing Switch 8600 documentation packaging


Product Fundamentals
Firewall and Intrusion Sensor Fundamentals NN46205-100
Terminology NN46205-102
Documentation Roadmap NN46205-103
User Interface Fundamentals NN46205-308
Web Switching Module Fundamentals NN46205-314
Planning and Engineering
Planning and Engineering - Network Design NN46205-200
Installation and Commissioning
Installation - 8660 Service Delivery Module NN46205-301
Installation - Cooling Module NN46205-302
Installation - Chassis NN46205-303
Installation - Modules NN46205-304
Installation - SFP, XFP, GBIC, and OADM Hardware Components NN46205-320
Installation - AC Power Supply NN46205-306
Installation - DC Power Supply NN46205-307
Installation - Enterprise Enhanced CPU Daughter Card Important Notice NN46205-309
Quick Start NN46205-310
Installation - Breaker Interface Panel NN46205-313
Installation and Commissioning continued
Installation - Media Dependent Adapters for the 8672ATME and 8672ATMM Modules NN46205-316
Commissioning NN46205-319
Upgrades and Patches
Upgrades - Software Release 5.0 NN46205-400
Release Notes - Software Release 5.0 NN46205-402
Administration and Security
Security NN46205-601
Administration NN46205-605
Operations
Routine Maintenance NN46205-312
Configuration - IP Multicast Routing Protocols NN46205-501
Configuration - Ethernet Modules NN46205-503
Configuration - IPv6 Routing NN46205-504
Configuration - IPX Routing NN46205-505
Configuration - QoS and IP Filtering for R and RS Modules NN46205-507
Configuration - QoS and IP Filtering for Classic Modules NN46205-508
Configuration - BGP Services NN46205-510
Configuration - 8672ATME and 8672ATMM Modules NN46205-511
Configuration - IGAP NN46205-512
Operations continued
Configuration - 8661 SSL Acceleration Module NN46205-514
Configuration - 8683POSM Modules NN46205-515
Configuration - VLANs and Spanning Tree NN46205-517
Configuration - Link Aggregation, MLT, and SMLT NN46205-518
Configuration - MPLS Services NN46205-519
Configuration - IP VPN NN46205-520
Configuration - OSPF and RIP NN46205-522
Configuration - IP Routing NN46205-523
Fault and Performance Management
Logs Reference NN46205-701
Troubleshooting NN46205-703
Performance Management NN46205-704

Product Fundamentals

The Product Fundamentals job function is a package of documentation that includes overview information about the product and product documentation. Information that applies to all areas of the product is also included in the Product Fundamentals job function.

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Table 3
Nortel Ethernet Routing Switch 8600 product fundamentals documents

Document title	Description
Nortel Ethernet Routing Switch 8600 Firewall and Intrusion Sensor Fundamentals, NN46205-100	This document provides procedures and conceptual information to administer and configure the Service Delivery Module Firewall 1, Firewall 2, and Firewall 4 systems.
Nortel Ethernet Routing Switch 8600 Terminology, NN46205-102	This document contains common terms and acronyms used in the Nortel Ethernet Routing Switch 8600 documentation suite.
Nortel Ethernet Routing Switch 8600 Documentation Roadmap, NN46205-103	This document contains an overview of the documentation suite and explains how to use task-based documentation.
Nortel Ethernet Routing Switch 8600 User Interface Fundamentals, NN46205-308	This document describes how to navigate the command line interface and Nortel Networks command line interface as well as how to install and start the Device Manager software on a Windows or UNIX platform.
Nortel Ethernet Routing Switch 8600 Web Switching Module Fundamentals, NN46205-314	This document describes the Web Switching Module including how to perform setup configuration tasks. The document describes the commands to configure and manage the Web Switching Module.

Planning and Engineering

The Planning and Engineering job function is a documentation package that includes information that supports activities that you must perform before you install the product, including site planning requirements, network management, and limitations.

The following table shows the documents for this job function.

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Table 4
Nortel Ethernet Routing Switch 8600 planning and engineering documents

Document title	Description
Nortel Ethernet Routing Switch 8600 Planning and Engineering — Network Design, NN46205-200	This document provides information to help you build robust, efficient Nortel Ethernet Routing Switch 8600 networks. The document describes how to achieve redundancy, provide security and QoS, and provides design examples and important design guidelines for many features and protocols.

Installation and Commissioning

Installation and Commissioning documentation includes information that supports initial installation and commissioning (initial configuration) activities, including preparation, processes, safety requirements, and instructions for rollback procedures.

The following table shows the documents for this job function.

Table 5
Nortel Ethernet Routing Switch 8600 installation and commissioning documents

Document title	Description
Nortel Ethernet Routing Switch 8600 Installation — 8660 Service Delivery Module, NN46205-301	This document describes how to install the 8660 Service Delivery Module Firewall 1, Firewall 2, and Firewall 4 in the Nortel Ethernet Routing Switch 8000 Series chassis.
Nortel Ethernet Routing Switch 8600 Installation — Cooling Module, NN46205-302	The document provides procedures to install cooling modules in the Nortel Ethernet Routing Switch 8000 series chassis.
Nortel Ethernet Routing Switch 8600 Installation — Chassis, NN46205-303	This document provides procedures and conceptual information to install the Nortel Ethernet Routing Switch 8000 series chassis in an equipment rack.
Nortel Ethernet Routing Switch 8600 Installation — Modules, NN46205-304	This document provides procedures and conceptual information to install Nortel Ethernet Routing Switch 8600 modules in the 8000 series chassis.

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Table 5
Nortel Ethernet Routing Switch 8600 installation and commissioning documents (cont'd.)

Document title	Description
Nortel Ethernet Routing Switch 8600 Installation — SFP, XFP, GBIC, and OADM Hardware Components, NN46205-320	This document provides procedures to install small form factor pluggable transceivers, Gigabit Interface Converters, 10 Gigabit small form factor pluggable transceivers, Optical Add Drop Multiplexers, and Optical Multiplexers. The document includes specifications for these hardware components.
Nortel Ethernet Routing Switch 8600 Installation — AC Power Supply, NN46205-306	This document provides instructions to install AC power supplies into the 8000 series chassis.
Nortel Ethernet Routing Switch 8600 Installation — DC Power Supply, NN46205-307	This document provides instructions to install DC power supplies into the 8000 series chassis.
Nortel Ethernet Routing Switch 8600 Installation — Enterprise Enhanced CPU Daughter Card Important Notice, NN46205-309	This document lists the contents of the Enterprise enhanced CPU daughter card installation kit.
Nortel Ethernet Routing Switch 8600 Quick Start, NN46205-310	This document provides basic instruction to install the hardware and perform basic configuration of the Nortel Ethernet Routing Switch 8010, 8006, 8003, and 8010co chassis and software.
Nortel Ethernet Routing Switch 8600 Installation — Breaker Interface Panel, NN6205-313	This document describes how to install the Breaker Interface Panel (BIP) in the Nortel Ethernet Routing Switch 8010co chassis.
Nortel Ethernet Routing Switch 8600 Installation — Media Dependent Adapters for the ATME and 8672ATMM Modules, NN46205-316	This document describes how to install the media dependent adapters for the 8672ATME and 8672ATMM modules.
Nortel Ethernet Routing Switch 8600 Commissioning, NN46205-319	This document contains the initial procedures and information to bring the Nortel Ethernet Routing Switch 8600 online and to set up the management interface, after hardware installation.

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Upgrades and Patches

Upgrades and Patches documentation includes information to upgrade software and hardware components.

The following table shows the documents for this job function.

Table 6
Nortel Ethernet Routing Switch 8600 upgrades and patches documents

Document title	Description
Nortel Ethernet Routing Switch 8600 Upgrades — Software Release 5.0, NN46205-400	This document provides upgrade procedures for the Ethernet Routing Switch 8600 and compatible modules (Web Switching Module, SSL Acceleration Module, Services Delivery Module). The document also includes procedures to upgrade CPU memory to 256 MB and to upgrade the number of MAC addresses.
Nortel Ethernet Routing Switch 8600 Release Notes — Software Release 5.0, NN46205-402	This document describes new features and important information about the latest release. Release Notes include a list of known issues (including workarounds where appropriate) and a list of fixed issues.

Administration and Security

Administration and Security documentation includes information that supports tasks that operations personnel perform that relate to network administration or product security, including the configuration and management of systems data and users. The documentation also includes the management and protection of resources from unauthorized or detrimental access and use.

The following table shows the documents for this job function.

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Table 7
Nortel Ethernet Routing Switch 8600 administration and security documents

Document title	Description
Nortel Ethernet Routing Switch 8600 Security, NN46205-601	This document provides procedures and conceptual information to administer and configure of security features for the Nortel Ethernet Routing Switch 8600.
Nortel Ethernet Routing Switch 8600 Administration, NN46205-605	This document provides procedures and conceptual information to administer base system-level topics such as the boot monitor, Simple Network Management Protocol, Domain Name System, network clock synchronization, and network time protocol.

Operations

Operations documents include information that supports tasks related to configuration (post-commissioning) of services or applications, routine maintenance of hardware or software, and accounting or billing activities.

The following table shows the documents for this job function.

Table 8
Nortel Ethernet Routing Switch 8600 operations documents

Document title	Description
Nortel Ethernet Routing Switch 8600 Routine Maintenance, NN46205-312	This document provides routine maintenance procedures for the Nortel Ethernet Routing Switch 8600. Routine maintenance practices include regularly scheduled visual inspections and daily network monitoring, as well as cleaning and replacement of fan trays and cooling modules.
Nortel Ethernet Routing Switch 8600 Configuration — IP Multicast Routing Protocols, NN46205-501	This document provides procedures and conceptual information to administer and configure multicast routing protocols such as Internet Group Management Protocol and Protocol Independent Multicast-Sparse Mode.

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Table 8
Nortel Ethernet Routing Switch 8600 operations documents (cont'd.)

Document title	Description
Nortel Ethernet Routing Switch 8600 Configuration — Ethernet Modules, NN46205-503	This document describes how to configure and monitor the Nortel Ethernet Routing Switch 8600 Ethernet modules.
Nortel Ethernet Routing Switch 8600 Configuration — IPv6 Routing, NN46205-504	This document provides procedures and conceptual information to configure IPv6 routing on the Nortel Ethernet Routing Switch 8600.
Nortel Ethernet Routing Switch 8600 Configuration — IPX Routing, NN46205-505	This document provides information to configure Internet Packet Exchange on the Nortel Ethernet Routing Switch 8600.
Nortel Ethernet Routing Switch 8600 Configuration — QoS and IP Filtering for R and RS Modules, NN46205-507	This document provides procedures and conceptual information to administer and configure Quality of Service using R and RS modules. This document describes Advanced Filters (Access Control Templates, Access Control Lists, Access Control Entries), policing, shaping, DiffServ, and egress queue sets.
Nortel Ethernet Routing Switch 8600 Configuration — QoS and IP Filtering for Classic Modules, NN46205-508	This document provides procedures and conceptual information to administer and configure Quality of Service using Classic modules. This document describes Classic Filters (source, destination, global, multimedia, IP telephony) and DiffServ.
Nortel Ethernet Routing Switch 8600 Configuration — BGP Services, NN46205-510	This document provides procedures and conceptual information to administer and configure the Border Gateway Protocol, an interdomain routing protocol that provides loop-free interdomain routing in and between autonomous systems.
Nortel Ethernet Routing Switch 8600 Configuration — 8672ATME and 8672ATMM Modules, NN46205-511	This document describes how to configure the 8672ATME and 8672ATMM modules and provides configuration examples and Web management instructions.

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Table 8
Nortel Ethernet Routing Switch 8600 operations documents (cont'd.)

Document title	Description
Nortel Ethernet Routing Switch 8600 Configuration — IGAP, NN46205-512	This document describes the IGMP for Internet Group Membership Authentication Protocol and how it is implemented in the Nortel Ethernet Routing Switch 8600.
Nortel Ethernet Routing Switch 8600 Configuration — 8661 SSL Accelerator with the Web Switching Module, NN46205-514	This document provides configuration procedures for the 8661 SAM.
Nortel Ethernet Routing Switch 8600 Configuration — 8683POSM Modules, NN46205-515	This document describes how to configure the 8683POSM Module.
Nortel Ethernet Routing Switch 8600 Configuration — VLANs and Spanning Tree, NN46205-517	This document describes how to configure VLANs and spanning tree on the Nortel Ethernet Routing Switch 8600.
Nortel Ethernet Routing Switch 8600 Configuration — Link Aggregation, MLT, and SMLT, NN46205-518	This document describes how to configure and manage link aggregation and multilink trunking on the Nortel Ethernet Routing Switch 8600.
Nortel Ethernet Routing Switch 8600 Configuration —MPLS Services, NN46205-519	This document provides conceptual and procedural information to configure MPLS tunnels between Provider Edge routers. The document also includes information about the protocols you use to set up the tunnels: Label Distribution Protocol or Resource Reservation Protocol.
Nortel Ethernet Routing Switch 8600 Configuration — IP VPN, NN46205-520	This document provides procedures and conceptual information to configure and manage virtual private networks using the IP VPN and IP VPN Lite features.

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Table 8
Nortel Ethernet Routing Switch 8600 operations documents (cont'd.)

Document title	Description
Nortel Ethernet Routing Switch 8600 Configuration — OSPF and RIP, NN46205-522	This document provides procedures and conceptual information to administer and configure Open Shortest Path First and Routing Information Protocol.
Nortel Ethernet Routing Switch 8600 Configuration — IP Routing, NN46205-523	This document provides instructions to configure general routing operations on the Nortel Ethernet Routing Switch 8600. Operations include address resolution protocol, reverse ARP, TCP/UDP, Dynamic Host Configuration Protocol, Virtual Router Redundancy Protocol, Multiple Virtual Router feature, VRF Lite, circuitless IP interfaces, static routes, Point-to-Point Protocol over Ethernet, Equal Cost Multipath, Routed Split Multi-Link Trunking, and routing policies.

Fault and Performance Management

Fault and Performance Management documents include information that supports the tasks that operations personnel perform that relate to managing or preventing faults, troubleshooting, and monitoring and improving the performance of the network or product.

The following table shows the documents for this job function.

Table 9
Nortel Ethernet Routing Switch 8600 fault and performance management documents

Document title	Description
Nortel Ethernet Routing Switch 8600 Logs Reference, NN46205-701	This document provides a reference for the log messages generated by the Ethernet Routing Switch 8600 System Messaging Platform (SMP).

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Table 9
Nortel Ethernet Routing Switch 8600 fault and performance management documents (cont'd.)

Document title	Description
Nortel Ethernet Routing Switch 8600 Troubleshooting, NN46205-703	This document describes common problems and error messages with the techniques to resolve them as well as information about traps and command logging.
Nortel Ethernet Routing Switch 8600 Performance Management, NN46205-704	This document provides information about switch management tools, the dynamic network applications feature, Simple Network Management Protocol, Remote Monitoring, IPFIX, configuration of the web management interface, and graphing of port and chassis statistics.

Documentation file formats

Locate the Nortel Ethernet Routing Switch 8600 software Release 5.0 documentation on the Nortel Web site, see "Customer service" (page 41), or the documentation CD. The following documents are also available in print format:

- *Nortel Ethernet Routing Switch 8600 Installation — Cooling Modules, NN46205-302*
- *Nortel Ethernet Routing Switch 8600 Installation — AC Power Supply, NN46205-306*
- *Nortel Ethernet Routing Switch 8600 Installation — DC Power Supply, NN46205-307*
- *Nortel Ethernet Routing Switch 8600 Installation — Enterprise Enhanced CPU Daughter Card Important Notice, NN46205-309*
- *Nortel Ethernet Routing Switch 8600 Quick Start, NN46205-310*
- *Nortel Ethernet Routing Switch 8600 Release Notes — Software Release 5.0, NN46205-402*

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Information quality

The Nortel Ethernet Routing Switch 8600 customer documentation uses three designations to indicate the quality verification level for the information. Each designation indicates the quality testing level that the documentation passed.

The quality designation also indicates how the documentation is released.

The three quality designations are as follows:

- Draft: Draft quality of the document is verified by development. Draft information is consistent with the design intent of the service or feature. Sometimes, Draft documentation is released to customers for early trials and demos.
- Preliminary: Preliminary quality of the document is verified by the product support and product verification organizations. Procedural information passes testing on hardware and software. Preliminary information is released to customers for trials and demos.
- Standard: Standard quality of the document is verified by product line management. All information is consistent with market positioning and support. Standard information is generally available and considered as the official documentation for the release.

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Text conventions

This section describes the text conventions used in the Nortel Ethernet Routing Switch 8600 documentation.

Navigation

- “Angle brackets ” (page 33)
- “Bold or Bold Courier text” (page 33)
- “Braces” (page 34)
- “Brackets” (page 34)
- “Ellipses” (page 34)
- “Italic text” (page 34)
- “Plain Courier text” (page 34)
- “Separator” (page 34)
- “Vertical bar” (page 35)
- “cr convention” (page 35)

Angle brackets

Angle brackets (< >) indicate that you choose the text to enter based on the description inside the brackets. Do not type the brackets when you enter the command.

Example: If the command syntax is
ping <ip_address>, you enter
ping 192.32.10.12

Bold or Bold Courier text

Bold or **Bold Courier** text indicates command names, options, and text that you need to enter.

Example: Use the **info** command.

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Example: Enter **show ip {alerts|routes}**.

Example: **Protocols**, **IP** identifies the IP command on the Protocols menu.

Braces

Braces ({ }) indicate required elements in syntax descriptions where more than one option is available. You must choose only one option. Do not type the braces when you enter the command.

Example: If the command syntax is
show ip {alerts|routes}, you must enter either
show ip alerts or **show ip routes**, but not both.

Brackets

Brackets ([ ]) indicate optional elements in syntax descriptions. Do not type the brackets when you enter the command.

Example: If the command syntax is
show ip interfaces [-alerts], you can enter either **show ip interfaces** or
show ip interfaces -alerts.

Ellipses

An ellipsis (...) indicates that you repeat the last element of the command as needed.

Example: If the command syntax is
ethernet/2/1 [<parameter> <value>]...,
you enter **ethernet/2/1** and as many parameter-value pairs as you need.

Italic text

Italic text indicates book titles or new terms followed by a definition.

Example: *Nortel Ethernet Routing Switch 8600 Release Notes*

Plain Courier text

`Plain Courier` text indicates system output, for example, prompts and system messages.

Example: `Set Trap Monitor Filters`

Separator

A comma (,) shows separation in menu paths.

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Example: **Protocols**, **IP** identifies the IP command on the Protocols menu.

Vertical bar

A vertical bar (|) separates choices for command keywords and arguments. Enter only one choice. Do not type the vertical line when you enter the command.

Example: If the command syntax is
`show ip {alerts|routes}`, you enter either
`show ip alerts` or **`show ip routes`**, but not both.

cr convention

In NNCLI procedures, when you see **`<cr>`** as an option for a command, you can press the **Enter** key on your keyboard to execute the command.

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Modular, task-based information

Modular, task-based information (MTBI) is a quick reference for using the Nortel Ethernet Routing Switch 8600 task-based documentation. MTBI describes the structure of task-based information and how it can be used most effectively.

Navigation

- “Task-based documentation” (page 37)
- “How is task-based documentation used?” (page 38)
- “Task flow overview” (page 38)
- “Work flows, task flows, and procedures” (page 39)
- “Task-based documentation terms” (page 40)

Task-based documentation

Task-based documentation is a new way of packaging customer information in a structured, modular, task-centric format.

Task-based documentation focuses on what the user must do and the sequence in which to perform tasks.

The goal is to make Nortel documentation easy to find, easy to use, timely, and accurate.

To understand the relationship between work flows, task flows, and procedures, see Figure 2 "Work flows, task flows, and procedures in task-based documentation" (page 38).

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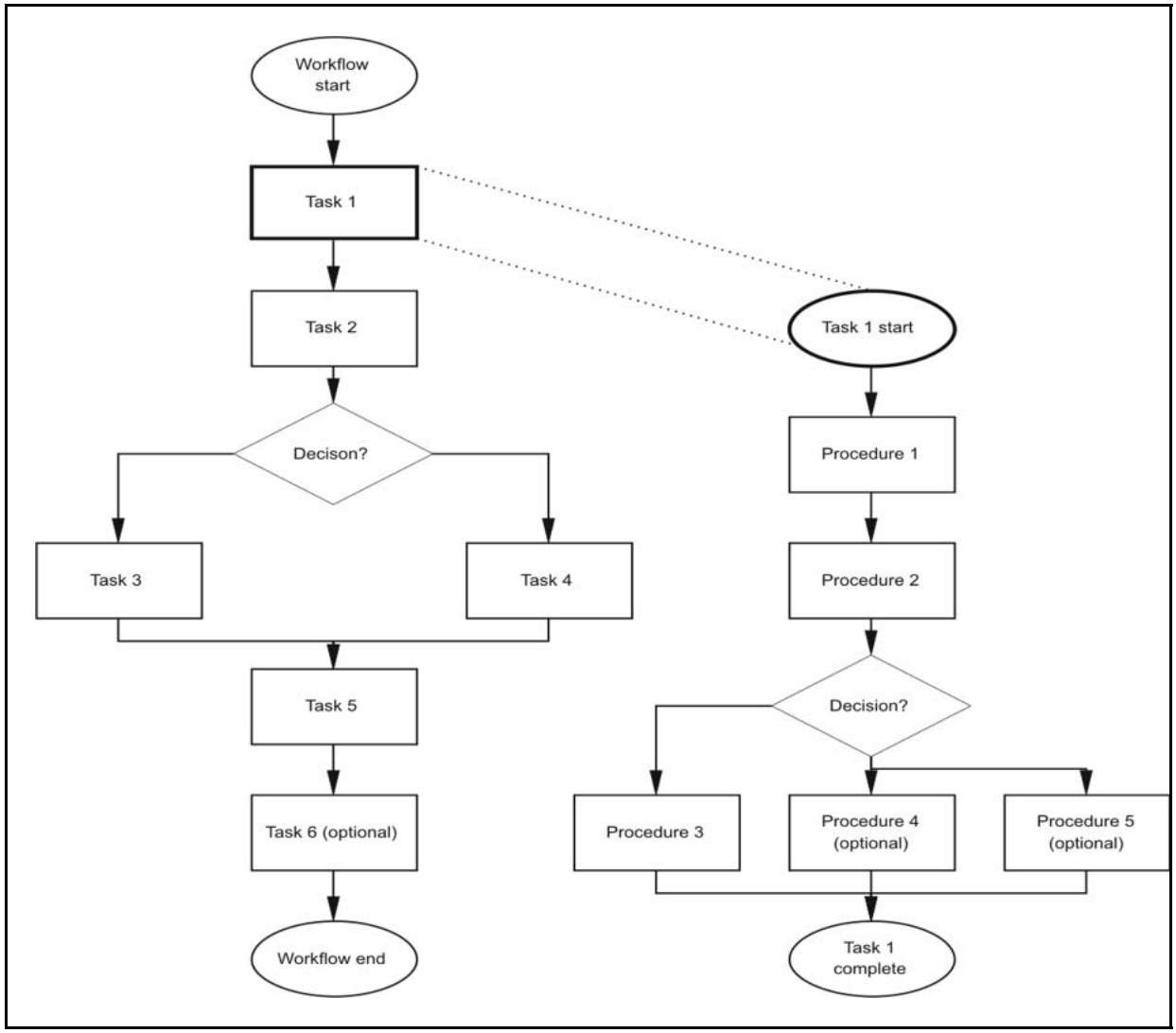
Figure 2
Work flows, task flows, and procedures in task-based documentation



How is task-based documentation used?

In task-based documentation, procedural information is included in the document. Supporting conceptual and reference information is provided, and the user is guided on how to use conceptual and reference material by identified prerequisites or direct links and references.

The user navigates the information by following the flows that are provided for tasks and procedures.

Task flow overview

Task flows are flowcharts that illustrate which procedures and decisions are involved to complete an activity.

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The task flows guide you through activities to use the Nortel Ethernet Routing Switch 8600, whether it is configuration, upgrading, installation, maintenance, or troubleshooting.

Each flow provides the prerequisites and links to the tasks or procedures.

To perform or refer to a procedure, always follow the task flow. Following the task flows ensures that you meet all the requirements for successful completion of the task.

Work flows, task flows, and procedures

Work flows, task flows, and procedures have similar elements to maintain consistency and usability. Each section has a specific function.

- “Purpose statements” (page 39)
- “Prerequisites” (page 39)
- “Work flows or task flows” (page 39)
- “Procedure steps” (page 39)
- “Example procedures” (page 40)
- “Variable definitions” (page 40)
- “Job aid” (page 40)

To understand the relationship between work flows, task flows, and procedures, see Figure 2 "Work flows, task flows, and procedures in task-based documentation" (page 38).

Purpose statements

Purpose statements explain why or when you would perform a work flow, task, or procedure and its impact.

Prerequisites

Prerequisites lists everything you must do or understand before you start the workflow, task, or procedure, such as tasks that should already be completed, risks, confirmation of system status, required knowledge, time estimates or limitations, and links to supporting information.

The prerequisite section is omitted if no required prerequisites exist.

Work flows or task flows

This section is the flow chart diagram that represents the task flow with navigational links to the tasks or procedures in the flow.

Procedure steps

Procedures provide numerical steps that help you perform the procedure. Each step is a single action.

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Example procedures

Some procedures use examples to show how to correctly perform the procedure with realistic settings.

Variable definitions

Variable definitions provide the possible values, ranges, or definitions of variables used in the procedure steps.

If variables are not used in the procedure, then the variables definition section is omitted.

Job aid

Job aids provide information help to successfully perform the procedure.

The job aid is only used when required.

Task-based documentation terms

Task-based documentation uses the following terms.

Term	Description
Work flow	A high-level or top-level group of tasks.
Task or task flow	A logical group of procedures that is represented as a single action in a flowchart diagram. Complex tasks can be divided into simpler tasks or subtasks.
Procedure	A logical group of steps that can be described as a single action in a task.
Step	A single action that is performed in a procedure.
Variable	A placeholder in procedure steps that can represent a value or definition.

Restructuring Nortel technical documents into a task-based format is an ongoing initiative. The documentation for some Nortel products is already converted to the new format.

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Customer service

Visit the Nortel Web site to access the complete range of services and support that Nortel provides. Go to www.nortel.com, or go to one of the pages listed in the following sections.

Navigation

- "Updated versions of documentation" (page 41)
- "Getting help" (page 41)
- "Express Routing Codes" (page 41)
- "Additional information" (page 42)

Updated versions of documentation

You can download and print the latest versions of Nortel Ethernet Routing Switch 8600 NTPs and Release Notes directly from the Internet at www.nortel.com/documentation.

Getting help

If you purchased a service contract for your Nortel product from a distributor or authorized reseller, contact the technical support staff for that distributor or reseller for assistance.

If you purchased a Nortel service program, you can get help by contacting one of the Nortel Technical Solutions Centers found at http://www.nortel.com/callus; or visit our Technical Support site at http://www.nortel.com/support.

Express Routing Codes

An Express Routing Code (ERC) is available for many Nortel products and services.

When you use an ERC, your call is routed to a technical support person who specializes in supporting that particular product or service. To locate an ERC for any product or service, go to http://www.nortel.com/erc.

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Additional information

Use the information in the following table to access other areas of the Nortel Web site.

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Partner Information Center (PIC)	www.nortel.com/pic
Register	www.nortel.com/register
Search	www.nortel.com/search
Services	www.nortel.com/services
Training	www.nortel.com/training

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Nortel Ethernet Routing Switch 8600

Documentation Roadmap

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